| Electronic Patent A                     | App                                  | lication Fee | Transm   | ittal  |                         |  |  |  |
|---|--------------------------------------|--------------|----------|--------|-------------------------|--|--|--|
| Application Number:                     | 10789605                             |              |          |        |                         |  |  |  |
| Filing Date:                            | 27-Feb-2004                          |              |          |        |                         |  |  |  |
| Title of Invention:                     | Efficient multi-symbol deinterleaver |              |          |        |                         |  |  |  |
| First Named Inventor/Applicant Name:    | Hanfang Pan                          |              |          |        |                         |  |  |  |
| Filer:                                  | Alan C. Gordon/Gayle Gestick         |              |          |        |                         |  |  |  |
| Attorney Docket Number:                 | 030475                               |              |          |        |                         |  |  |  |
| Filed as Large Entity                   |                                      |              |          |        |                         |  |  |  |
| Utility under 35 USC 111(a) Filing Fees |                                      |              |          |        |                         |  |  |  |
| Description                             |                                      | Fee Code     | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |  |
| Basic Filing:                           |                                      |              |          |        |                         |  |  |  |
| Pages:                                  |                                      |              |          |        |                         |  |  |  |
| Claims:                                 |                                      |              |          |        |                         |  |  |  |
| Miscellaneous-Filing:                   |                                      |              |          |        |                         |  |  |  |
| Petition:                               |                                      |              |          |        |                         |  |  |  |
| Patent-Appeals-and-Interference:        |                                      |              |          |        |                         |  |  |  |
| Post-Allowance-and-Post-Issuance:       |                                      |              |          |        |                         |  |  |  |
| Extension-of-Time:                      |                                      |              |          |        |                         |  |  |  |
| Extension - 2 months with \$0 paid      |                                      | 1252         | 1        | 460    | 460                     |  |  |  |

| Description                       | Fee Code | Quantity          | Amount | Sub-Total in<br>USD(\$) |  |  |
|-----------------------------------|----------|-------------------|--------|-------------------------|--|--|
| iscellaneous:                     |          |                   |        |                         |  |  |
| Request for continued examination | 1801     | 1                 | 810    | 810                     |  |  |
|                                   | Tot      | Total in USD (\$) |        |                         |  |  |